



Florida Friendly Landscaping Demonstration Garden

Located at the Jessie Brock Community Center
310 N. Dillard St., Winter Garden



demo garden

Before



After



Certified Florida Friendly Landscape

This garden meets the Florida Yards & Neighborhoods/University of Florida's 9 Principles of Florida Friendly Landscaping:

- Right Plant, Right Place
- Water Efficiently
- Fertilize Appropriately
- Mulch
- Yard Pest Management
- Recycle
- Storm Water Runoff
- Waterfront Protection
- Wildlife Attraction



Stormwater Harvesting with Rain Barrels

The water savings from using stored rainwater rather than municipal or well water can be substantial over a period of time. A rain barrel can also help reduce the amount of water that may settle around the foundation of your home.



Rain Sensor & Irrigation Controllers

Properly installed and maintained sensors can save very significant amounts of water.

They are designed to measure rainfall and override the irrigation system when a pre-determined amount of rainfall has occurred.

The suggested setting of the rain sensor device for shut-off, as per the University of Florida's Institute of Food and Agricultural Sciences (IFAS), is $\frac{1}{2}$ to $\frac{3}{4}$ inch.

All irrigation systems installed after 1991 - or repaired on any date - MUST have a rain sensor installed and properly functioning.



Benefits of Micro-irrigation

With proper design, operation and maintenance, micro-irrigation systems can have many benefits, including:

- Decreased water loss from evaporation, wind and runoff
- Minimized pest problems, such as weeds and diseases, by applying water to the root area of the plant
- Increased water application efficiency when retrofitting in-ground sprinkler systems
- Easy connection to hoses or outdoor spigots
- Flexibility in meeting variable water needs of new, maturing and established plants
- Minimized erosion when watering plants on steep slopes
- Compliance with local water conservation codes and ordinances

Micro Irrigation

Micro-sprays

Irrigate more area per emitter than other types of microirrigation.

These devices come in a variety of nozzle sizes and spray patterns. Generally visible in the landscape.

Drip emitters

Used for precise applications, such as in potted plants, hanging plants or where plant materials are spaced far apart. May or may not be visible in the landscape.

In-line drip tubing

Used where plants are installed in rows or close together. Typically placed below the mulch, reducing its visibility.

Microspray



Drip Irrigation/In-Line Tubing



Plant Selection

- Plants were selected based on the Florida Friendly Landscaping Principle of Right Plant Right Place
- All plants installed in this demonstration garden are drought-tolerant and native in Florida.
- These plants were selected to survive off rainfall, once they were established with the irrigation system.
- Supplemental irrigation has not been used in this garden since the end of April, 2010.



pineland/Florida Lantana
(*Lantana depressa*)

twin flower
(*Dyschoriste oblongifolia*)



Blanket flower (*Gaillardia pulchella*)



Florida skullcap (*Scutellaria integrifolia*)



Simpson's stopper (*Myrcianthes fragrans*)





Chapman's goldenrod (*Solidago odora* var. *chapmanii*)

scarlet sage (*Salvia splendens*)

Blue porterweed (*Stachytarpheta jamaicensis*)

**Certified
Florida
Yard**

JUL 16 2010



Elliott's lovegrass (*Eragrostis elliottii*)
purple lovegrass (*Eragrostis spectabilis*)
sand cordgrass (*Spartina bakeri*)

rosinweed
(*Silphium compositum*)



Flatwoods plum (*Prunus umbellata*)



Plant List

Stratum	Common name	Latin name	light requirements	mature height
Small tree	flatwoods plum	<i>Prunus umbellata</i>	Partial shade/full sun	25'H
Shrub	coontie	<i>Zamia pumilla</i>	Shade/sun	3 feet
Shrub	beautyberry	<i>Callicarpa americana</i>	part shade/part sun	6-8 feet
Shrub	Walter's viburnum	<i>Viburnum obovatum</i>	Full sun/part shade	6 to 30 feet
Shrub	Walter's viburnum "Pinkie"	<i>Viburnum obovatum</i>	Full sun/part shade	3 feet
Shrub	Simpson's stopper	<i>Myrcianthes fragrans</i>	part shade/part sun	20 to 30 feet
Shrub	blue porterweed	<i>Stachytarpheta jamaicensis</i>	Full sun partial shade	3 feet
Shrub	firebush	<i>Hamelia patens</i>	Full sun/partial shade	3-10 feet
Shrub	saw palmetto	<i>Serenoa repens</i>	Full sun/partial shade	2-8 feet
Shrub/flower	senna	<i>Senna ligustrina</i>	Full sun/light shade	4-8 feet
Flower	Indian blanket	<i>Gaillardia pulchella</i>	Full sun	24 inches
Flower	scarlet sage	<i>Salvia splendens</i>	Full sun/partial shade	24 inches
flower	coral nymph	<i>Salvia coccinea</i>	Full sun, intermittent shade	2-3 feet
Flower	Florida/pineland lantana	<i>Lantana depressa</i>	Sun/partial shade	6-12 inches
flower	rosinweed	<i>Silphium compositum</i>	Full sun/very light shade	6-8 feet
flower	tickseed	<i>Coreopsis leavenworthii</i>	Full sun/part shade	1-3 feet
flower	pineland pennyroyal	<i>Piloblephis regida</i>	Full sun	12-18 inches
flower	Adam's needle	<i>Yucca filamentosa</i>	Full sun/partial shade	2-3 feet
flower	Florida skullcap	<i>Scutellaria integrifolia</i>	Sun/partial shade	6-24 inches
flower	yellow tops	<i>Flaveria linearis</i>	full sun	2-4 feet
Flower/groundcover	twinflower	<i>Dyschoriste oblongifolia</i>	Part shade/part sun	6-12 inches
Flower/groundcover	Chapman's goldenrod	<i>Solidago odora var. chapmanii</i>	full sun/part shade	36-48 inches
grass/groundcover	Elliott's lovegrass	<i>Eragrostis elliottii</i>	full sun/part shade	12 - 24 inches
grass/groundcover	purple lovegrass	<i>Eragrostis spectabilis</i>	full sun/part shade	3-6 feet
grass/groundcover	lopsided Indian grass	<i>Sorghastrum secundum</i>	full sun/part shade	12-24 inches
vine	coral honeysuckle	<i>Lonicera sempervirens</i>	Partial shade/full sun	N/A

Resources & References

- [Florida Friendly Landscaping](#)
 - [Recognition Program](#)
- [Waterwise Florida Landscapes](#) (database)
- [Waterwise Florida Landscapes](#) (book)
- [Rain Barrel](#)
- [Micro irrigation](#)
- [Floridata](#)
- [Orange County Tree Adoption Events](#)
- [Go Native](#)
- [Invasive Plant List](#)
- [Florida Nursery, Growers, and Landscape Association](#)
[Association of Florida Native Nurseries](#)
- Friendly Landscaping photos, ideas, examples – [1](#) [2](#) [3](#) [4](#)
- [Certified Backyard Habitat](#)
- [Butterfly Database Project](#)